

Message

---

**From:** Fennessy, Christopher [christopher.fennessy@Rocket.com]  
**Sent:** 3/31/2017 5:36:59 PM  
**To:** MacDonald, Alex@Waterboards [Alex.MacDonald@waterboards.ca.gov]; Keller, Lynn [Keller.Lynn@epa.gov]; ROJAS-MICKELSON, DAEWON [rojas-mickelson.daewon@epa.gov]; Rohrer, Jim@DTSC [Jim.Rohrer@dtsc.ca.gov]; MacNicholl, Peter@DTSC [Peter.MacNicholl@dtsc.ca.gov]  
**CC:** Varljen, Mark [Mark.Varljen@Rocket.com]  
**Subject:** RE: Aerojet Superfund Site - Goals for 2017  
  
**Flag:** Follow up

Hi Alex – Thanks for putting some thought into the program and suggesting some larger programmatic opportunities. My thoughts:

I think the new landfill idea is still a long shot. We don't believe BOU is the appropriate area and off-site areas are not properly zoned. There would have to be a way to allow the landfill to be constructed on Superfund land that has not gone through a ROD yet.

Carve-out property – If vapor mitigation is required on carveout property, we would just add the negotiated LUC to those properties. Of course, I am assuming the state would take oversight of these LUCs even though the property is not part of a Superfund Site.

Ideally, we would start Eco Risk Evaluation (aka BERA) sampling this year. Depends upon document approvals by September.

Area 40 – We would be willing to jump start the RAP, but need to be sure all come to agreement on remedy before doing so.

Chris

**Christopher M. Fennessy, P.E.**  
**Aerojet Rocketdyne, Inc.**  
Engineering Manager, Site Remediation  
11260 Pyrites Way, Suite 125  
Rancho Cordova, CA 95670  
Ph: 916-355-3341  
Fax: 916-355-6145  
Email: [Christopher.Fennessy@Rocket.com](mailto:Christopher.Fennessy@Rocket.com)

---

**From:** MacDonald, Alex@Waterboards [mailto:Alex.MacDonald@waterboards.ca.gov]  
**Sent:** Thursday, March 30, 2017 2:57 PM  
**To:** Fennessy, Christopher; Keller, Lynn (Keller.Lynn@epa.gov); rojas-mickelson.daewon@epa.gov; Rohrer, Jim@DTSC; MacNicholl, Peter@DTSC  
**Cc:** Varljen, Mark  
**Subject:** [EXTERNAL] RE: Aerojet Superfund Site - Goals for 2017

A couple of quick notes:

Landfill – decision on a new landfill cell?

Carve-out Property – establish language for Aerojet to place vapor mitigation measures on the carve-out lands

Eco Risk Evaluation – does sampling start on that this year?

Area 40 – Work with DTSC on starting on RAP and CEQA documents – even prior to EPA turning Area 40 over to the State.

Alex

---

**From:** Fennessy, Christopher [<mailto:christopher.fennessy@Rocket.com>]  
**Sent:** Wednesday, March 29, 2017 1:18 PM  
**To:** Keller, Lynn ([Keller.Lynn@epa.gov](mailto:Keller.Lynn@epa.gov)); [rojas-mickelson.daewon@epa.gov](mailto:rojas-mickelson.daewon@epa.gov); Rohrer, Jim@DTSC; MacNicholl, Peter@DTSC; MacDonald, Alex@Waterboards  
**Cc:** Varljen, Mark  
**Subject:** Aerojet Superfund Site - Goals for 2017

Hi Everyone - Based upon current status of the program, the following is a list of goals for the Aerojet Superfund Site in 2017. Please review and comment. Thanks, Chris

Respond to 5-yr remedy review and additional response action items as previously committed.

VI – Complete winter and summer analysis and develop long term plan

WGOU & PGOU

- Continue implementation of groundwater monitoring plan
- Prepare annual effectiveness evaluations and quarterly compliance monitoring reports
- Install wells to reduce uncertainty in effectiveness and adjust extraction wells to optimize containment efficiency

PGOU

- Zone 1 - Revise contingency plan for TCE
- Zone 2 - Revise groundwater RAOs to acknowledge co-mingled Zone2/IRCTS plumes
- Zone 3 - Establish metric to allow assessment of mass removal RAO
- Continue operation and evaluation of Area 4900 SVE system
- Partial Deletion of C29 and C41
- Complete Land Use Covenants for remaining PGOU sites

BOU – Receive and negotiate consent order

IOU

- Receive comments on Draft BERA Work Plan and finalize in time for winter sampling event
- Complete technical memoranda on fate and transport model

Area 40

- Complete HHERA and FS
- EPA transfers oversight to State

**Christopher M. Fennessy, P.E.**

**Aerojet Rocketdyne, Inc.**

Engineering Manager, Site Remediation

11260 Pyrites Way, Suite 125

Rancho Cordova, CA 95670

Ph: 916-355-3341

Fax: 916-355-6145

Email: [Christopher.Fennessy@Rocket.com](mailto:Christopher.Fennessy@Rocket.com)